

FILE 'HOME' ENTERED AT 14:35:15 ON 16 APR 2008

=> file reg  
COST IN U.S. DOLLARS  
SINCE FILE ENTRY SESSION  
0.21 0.21  
FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 14:35:57 ON 16 APR 2008  
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STRUCTURE FILE UPDATES: 15 APR 2008 HIGHEST RN 1015083-77-8  
DICTIONARY FILE UPDATES: 15 APR 2008 HIGHEST RN 1015083-77-8

New CAS Information Use Policies, enter **HELP USAGETERMS** for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

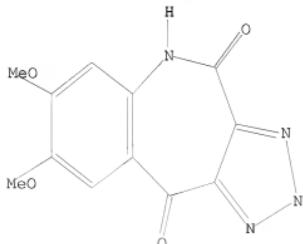
REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stnqgen/stndoc/properties.html>

=>  
Uploading C:\Program Files\Stnexp\Queries\10561212-1.str

L1 STRUCTURE UPLOADED

=> d 11  
L1 HAS NO ANSWERS  
L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 11 sss sam  
SAMPLE SEARCH INITIATED 14:40:48 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 3 TO ITERATE

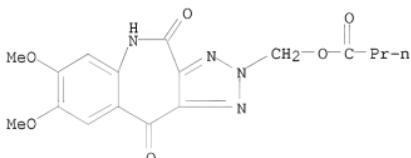
100.0% PROCESSED 3 ITERATIONS 2 ANSWERS  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 3 TO 163  
PROJECTED ANSWERS: 2 TO 124

L2 2 SEA SSS SAM L1

=> d scan

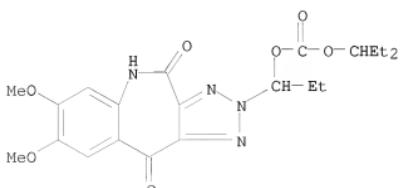
L2 2 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
IN Butanoic acid, (5,10-dihydro-7,8-dimethoxy-4,10-dioxo-1,2,3-triazolo[4,5-c][1]benzazepin-2(4H)-yl)methyl ester  
MF C17 H18 N4 O6



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 2 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
IN Carbonic acid, 1-(5,10-dihydro-7,8-dimethoxy-4,10-dioxo-1,2,3-triazolo[4,5-c][1]benzazepin-2(4H)-yl)propyl 1-ethylpropyl ester  
MF C21 H26 N4 O7



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

ALL ANSWERS HAVE BEEN SCANNED

=> file caplus			
COST IN U.S. DOLLARS		SINCE FILE	TOTAL
FULL ESTIMATED COST		ENTRY	SESSION
		4.14	4.35

FILE 'CAPLUS' ENTERED AT 14:41:24 ON 16 APR 2008  
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FILE COVERS 1907 - 16 Apr 2008 VOL 148 ISS 16  
FILE LAST UPDATED: 15 Apr 2008 (20080415/ED)

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=> s 12 and aller?  
1 L2  
78087 ALLER?  
L3 1 L2 AND ALLER?

=> dis 13 bib abs hitstr

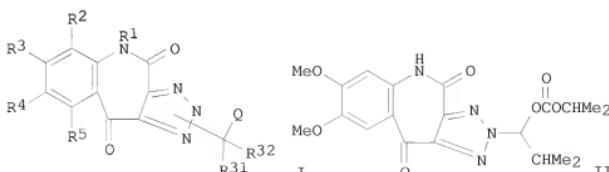
L3 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on STN  
AN 1999:233920 CAPLUS  
DN 130:282073  
TI Preparation of tricyclic triazolobenzazepine derivatives as prodrugs for antiallergic agents  
IN Ohtsuka, Yasuo; Nishizuka, Toshio; Shiokawa, Sohjiro; Tsutsumi, Seiji; Kawaguchi, Mami; Kitagawa, Hideo; Takata, Hiromi; Shishikura, Takashi; Ishikura, Toyoaki; Fushihara, Kenichi; Okada, Yumiko; Miyamoto, Sachiko; Shiobara, Maki  
PA Meiji Seika Kaisha, Ltd., Japan  
SO PCT Int. Appl., 143 pp.  
CODEN: PIXXD2

DT Patent  
LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9916770	A1	19990408	WO 1998-JP4363	19980929

W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW		
RW:	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG		
CA 2305307	A1 19990408	CA 1998-2305307	19980929
CA 2305307	C 20041130		
AU 9891869	A 19990423	AU 1998-91869	19980929
AU 744636	B2 20020228		
EP 1026167	A1 20000809	EP 1998-944289	19980929
EP 1026167	B1 20030305		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI			
TR 200000808	T2 20000821	TR 2000-808	19980929
BR 9814055	A 20000926	BR 1998-14055	19980929
JP 3188482	B2 20010716	JP 1999-519969	19980929
HU 2000004020	A2 20010928	HU 2000-4020	19980929
HU 2000004020	A3 20021228		
TW 510902	B 20021121	TW 1998-87116198	19980929
RU 2198885	C2 20030220	RU 2000-111517	19980929
AT 233764	T 20030315	AT 1998-944289	19980929
PT 1026167	T 20030731	PT 1998-944289	19980929
ES 2191963	T3 20030916	ES 1998-944289	19980929
SK 283869	B6 20040302	SK 2000-425	19980929
CN 1523019	A 20040825	CN 2003-10104753	19980929
CN 1781913	A 20060607	CN 2005-10129622	19980929
NO 2000001500	A 20000518	NO 2000-1500	20000323
NO 319542	B1 20050829		
MX 200003047	A 20001110	MX 2000-3047	20000328
US 6372735	B1 20020416	US 2000-509494	20000329
HK 1032782	A1 20041119	HK 2001-103502	20010522
US 20020137739	A1 20020926	US 2002-73326	20020213
US 7022860	B2 20060404		
NO 2004003765	A 20000518	NO 2004-3765	20040908
US 20060074074	A1 20060406	US 2005-269828	20051109
US 7238812	B2 20070703		
PRAI	JP 1997-264611	A 19970929	
	JP 1998-52063	A 19980304	
	CN 2003-10104753	A3 19980929	
	WO 1998-JP4363	W 19980929	
	US 2000-509494	A3 20000329	
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OS	MARPAT 130:282073		
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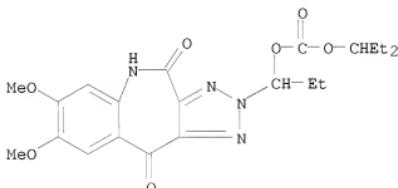
AB Tricyclic triazolobenzazepine derivs. represented by general formula [I]; R1 represents hydrogen, OH, alkyl, or phenylalkyl; R2, R3, R4, and R5 each represents hydrogen, halogeno, optionally protected hydroxyl, formyl, optionally substituted alkyl, alkenyl, alkoxy, etc.; Q represents a group selected among groups of OC02R33, O2CR34, O2CNR35R36, OP(:O)(OR37)OR38, halogeno, or alkoxy; R33 and R34 each represent (un)substituted alkyl, Ph, or (un)saturated 5- to 7-membered ring heterocycl, etc.; and R35 and R36 each represent hydrogen or (un)substituted alkyl or NR35R36 forms a (un)saturated 5- to 7-membered ring heterocycl in the form of a prodrug. and pharmacol. acceptable salts and solvates thereof are prepared. These compds. have excellent bioavailability. Thus, 1.07 g Et 5-(4,5-dimethoxy-2-nitrobenzoyl)-1H-1,2,3-triazole-4-carboxylate (preparation given) and 53 mg p-MeC6H4SO3H.H2O were suspended in CH2Cl2 and stirred with 330 mg isobutyraldehyde at room temperature for 25 min, followed by adding 744 mg 1,1'-carbonyldiimidazole in 5.0 mL CH2Cl2, and the resulting mixture was stirred at room temperature for 3 h and then refluxed with 920 mg iso-Pr alc. to give 34% Et 2-(1-isopropoxycarbonyloxy-2-methylpropyl)-5-(4,5-dimethoxy-2-nitrobenzoyl)-1H-1,2,3-triazole-4-carboxylate. The latter compound was hydrogenated over Pd(OH)2 in EtOAc at room temperature for 15 h to give 99% Et 5-(2-amino-4,5-dimethoxybenzoyl)-2-(1-isopropoxycarbonyloxy-2-methylpropyl)-1H-1,2,3-triazole-4-carboxylate which was heated in AcOH at 100° for 2 h with stirring to give the title compound (II) in 62% yield. When II in 0.5% aqueous methylcellulose was administered p.o. to dogs or rats, the area under the concentration time curve (AUC) value was  $1.2 \pm 0.3$   $\mu\text{mol. h/L}$  for dogs and  $1.4 \pm 0.1$   $\mu\text{mol. h/L}$  for rats, which was 4-times higher in dog and 7-times higher in rats compared to that of its active form. A tablet and a fine powder formulation containing II were described.

IT 222633-21-8P 222633-48-9P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(preparation of tricyclic triazolobenzazepine derivs. as prodrugs for antiallergic agents)

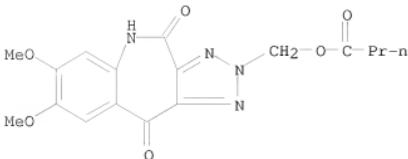
RN 222633-21-8 CAPLUS

CN Carbonic acid, 1-(5,10-dihydro-7,8-dimethoxy-4,10-dioxo-1,2,3-triazolo[4,5-c][1]benzazepin-2(4H)-yl)propyl 1-ethylpropyl ester (CA INDEX NAME)



RN 222633-48-9 CAPLUS

CN Butanoic acid, (5,10-dihydro-7,8-dimethoxy-4,10-dioxo-1,2,3-triazolo[4,5-c][1]benzazepin-2(4H)-yl)methyl ester (CA INDEX NAME)



RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> s 12 and cellulose  
 1 L2  
 366809 CELLULOSE  
 4481 CELLULOSES  
 367324 CELLULOSE  
 (CELLULOSE OR CELLULOSES)  
 L4 0 L2 AND CELLULOSE

=> dis hist

(FILE 'HOME' ENTERED AT 14:35:15 ON 16 APR 2008)

FILE 'REGISTRY' ENTERED AT 14:35:57 ON 16 APR 2008  
 L1 STRUCTURE uploaded  
 L2 2 S L1 SSS SAM

FILE 'CAPLUS' ENTERED AT 14:41:24 ON 16 APR 2008  
 L3 1 S L2 AND ALLER?  
 L4 0 S L2 AND CELLULOSE

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